



**CSM-LC0202-AG :**  
**10/100/1000Base-TX (RJ45) to 1000Base-SX/LX (LC)**  
**mini-GBIC SFP Port, Media Converter Case**

**Features:**

- Compliant with IEEE802.3ab 1000Base-TX  
IEEE802.3z 1000Base-SX and 1000Base-LX standards
- Provides one TP port support  
10/100/1000Base-TX auto-negotiation and  
Auto-MDIX with RJ-45 connector
- Fiber port support SFP (Mini-GBIC) standard
- Up to 100 meters for 10/100/1000Base-T Cat-5,  
5e or 6 twisted pair cable
- Supports full-duplex operation (gigabit  
standard)
- Switch base design support flow control  
capability.
- 1000Base-SX interface up to 220 meters for  
multi-mode 62.5/125µm MMF optical cable
- 1000Base-SX interface up to 550 meters for  
multi-mode 50/125µm MMF optical cable
- 1000Base-LX interface up to 40km for  
single-mode 9/125µm SMF optical cable
- LED indicator to show system power, TX  
Link/Active, and Fiber Link/Active status
- Provided 19" system chassis for up to  
16-converter with redundant power supply for

**Specification:**

**Standard:**

IEEE802.3ab 1000Base-T / IEEE802.3z 1000Base-SX/LX

**Protocol**

CSMA/CD

**Network Media**

10/100/1000Base-TX EIA/TIA 568 Category 5,5e or 6 UTP/STP  
twisted pair Cable

1000Base-SX: 50/125µm or 62.5/125µm multi-mode fiber optic  
cable

1000Base-LX: 9/125µm single-mode fiber optic cable

**Connector**

1 \* 10/100/1000Base-TX port

1 \* 1000Base-SX or 1000Base-LX port

**Wavelength**

850nm for 1000Base-SX & 1310nm for 1000Base-LX

**Distances support**

Twisted pair 100 meter

220meter for 62.5/125µm multi-mode fiber optic cable

550meter for 50/125µm multi-mode fiber optic cable

20km for 9/125µm single-mode fiber optic cable

**LED indicators**

System – Power LED

TP port – Link & TX LEDs

Fiber port – Link & RX LEDs

**Dimension**

102 mm x 74 mm x 22 mm (L\*W\*H)

**Temperature**

Operating – 0°C to 60°C

Storage – -20°C to 90°C

**Power**

5VDC, 1.4A external power adapter

**Power consumption**

5.2watt (max)

**Compliance**

FCC and CE

**Ordering Information:**

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\* Product specification subject to change without notice.

